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□ **Membrane contamination prevention in separation-concentration process**

L20 ANSWER 11 OF 121 HCA COPYRIGHT 2002 ACS . FAMILY 5

AN 95:135038 HCA

PA Daicel Chemical Industries, Ltd., Japan

SO Jpn. Tokkyo Koho, 5 pp.

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LA Japanese

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 56015924	B4	19810413	JP 1974-15703	19740207

AB In sepn.-concn. processes using reverse-osmosis or ultrafiltration membranes, the liq. to be treated is fed as a gas-liq. mixed flow to the surface of the membrane. This decreases the membrane contamination. Thus, aq. 0.5% albumin soln. was passed through a reverse osmosis membrane app. under gas blowing. The aq. soln. feed rate and the gas blowing were controlled at 450 and 15 L/h, resp. The water permeation rate through the membrane was 1.05 and 0.8 m<sup>3</sup>/m<sup>2</sup> day initially and after 4 h, resp.

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